

**TABLE 9**  
**ESTIMATED INSTRUMENT RATINGS HELD**  
**BY CLASS OF CERTIFICATE BY FAA REGION**  
**DECEMBER 31, 1998**

Class of Certificate	Total 1/	Alaskan	Central	Eastern	Great Lakes	New England	Northwest Mountain	Southern	South-west	Western-Pacific	Outside U.S. 2/
<b>Total--All Pilots</b>	<b>298,372</b>	<b>4,000</b>	<b>12,868</b>	<b>34,693</b>	<b>44,618</b>	<b>12,117</b>	<b>29,162</b>	<b>61,349</b>	<b>36,265</b>	<b>46,227</b>	<b>16,110</b>
<b>Airplane</b>											
<b>Private --Total</b>	<b>54,237</b>	<b>294</b>	<b>2,962</b>	<b>7,283</b>	<b>10,344</b>	<b>2,601</b>	<b>4,454</b>	<b>9,674</b>	<b>5,696</b>	<b>9,005</b>	<b>961</b>
Private Airplane (only)	52,479	284	2,901	7,031	10,075	2,499	4,289	9,367	5,528	8,647	932
Private Airplane, Private Glider	1,139	7	37	168	181	62	105	201	116	238	19
Private Airplane, Private Gyroplane	7	0	2	0	3	0	0	1	0	1	0
Private Airplane, Private Helicopter	574	3	22	79	78	34	55	101	51	110	9
Private Airplane, Private Glider,											
Private Helicopter	33	0	0	5	6	4	4	3	1	9	1
Private Airplane-other	5	0	0	0	1	2	1	1	0	0	0
<b>Commercial --Total</b>	<b>110,235</b>	<b>1,914</b>	<b>5,301</b>	<b>12,572</b>	<b>17,150</b>	<b>4,226</b>	<b>10,691</b>	<b>21,039</b>	<b>12,876</b>	<b>16,842</b>	<b>7,624</b>
Commercial Airplane (only)	93,292	1,619	4,568	10,470	15,221	3,565	8,839	17,175	10,773	13,791	7,271
Commercial Airplane, Private Glider	1,600	29	69	216	232	76	190	293	164	312	19
Commercial Airplane, Commercial Glider	2,781	41	119	391	392	170	382	474	297	477	38
Commercial Airplane, Commercial Gyroplane, Commercial Glider	7	1	0	1	2	0	0	2	0	1	0
Commercial Airplane, Private Helicopter	476	4	21	63	73	25	46	80	44	97	23
Commercial Airplane, Commercial Glider, Private Helicopter	38	0	1	5	6	2	5	5	3	10	1
Commercial Airplane, Commercial Helicopter	8,984	177	369	1,025	868	278	906	2,284	1,220	1,657	200
Commercial Airplane, Private Glider, Commercial Helicopter	128	0	2	14	17	6	16	33	12	24	4
Commercial Airplane, Commercial Glider, Commercial Helicopter	421	8	21	50	44	27	49	89	39	92	2
Commercial Airplane, Commercial Helicopter, Commercial Gyroplane	13	0	0	0	3	0	1	1	1	6	1
Commercial Airplane, Commercial Gyroplane	21	1	2	0	3	1	4	5	2	2	1
Commercial Airplane, Commercial Gyroplane, Commercial Helicopter											
Commercial Glider	7	1	0	0	1	0	0	1	2	2	0
Commercial Helicopter, Private Airplane	2,193	32	121	300	240	58	221	547	291	322	61
Commercial Helicopter, Private Airplane, Private Glider	13	0	1	1	2	0	2	2	2	3	0
Commercial Helicopter, Private Airplane Commercial Glider	12	0	0	0	2	2	1	4	1	2	0
Commercial Helicopter, Private Airplane Commercial Gyroplane	1	0	0	0	1	0	0	0	0	0	0
Commercial Glider, Private Airplane	105	0	0	16	18	12	20	10	10	19	0

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Commercial Balloon, Private Airplane,	63	0	4	10	14	3	3	12	6	10	1
Commercial Balloon, Private Airplane											
Private Helicopter	1	0		0	0	0	0	1	0	0	0
Commercial Balloon, Private Airplane											
Private Glider	11	0	1	2	3	0	0	3	1	1	0
Commercial-other	68	1	2	8	8	1	6	18	8	14	2
<b>Airline Transport --Total</b>	<b>130,858</b>	<b>1,749</b>	<b>4,506</b>	<b>14,450</b>	<b>16,884</b>	<b>5,193</b>	<b>13,785</b>	<b>29,822</b>	<b>17,191</b>	<b>19,948</b>	<b>7,330</b>
Airline Transport Airplane (only)	126,792	1,642	4,399	13,839	16,541	4,977	13,416	28,954	16,441	19,399	7,184
Airline Transport Airplane,											
Airline Transport Helicopter	2,355	66	62	382	217	139	205	538	365	312	69
Airline Transport Airplane-other	1,711	41	45	229	126	77	164	330	385	237	77
<b>Rotorcraft (only)--Total</b>	<b>3,042</b>	<b>43</b>	<b>99</b>	<b>388</b>	<b>240</b>	<b>97</b>	<b>232</b>	<b>814</b>	<b>502</b>	<b>432</b>	<b>195</b>
Private Helicopter	5	0	0	0	0	1	0	0	0	2	2
Commercial Helicopter	2,500	30	89	307	204	79	196	728	396	365	106
Commercial Helicopter, Commercial											
Glider	3	0	1	1	0	0	0	1	0	0	0
Commercial Helicopter, Commercial											
Gyroplane	1	0	0	0	0	0	0	0	1	0	0
Airline Transport Helicopter	532	13	9	79	36	17	36	85	105	65	87
Other	1	0	0	1	0	0	0	0	0	0	0

1/ Includes Outside U.S. total.

2/ Outside U.S. includes airmen certificated by FAA who live outside the 50 states or foreign countries.